

CLAIMS

1. A cationic polymerization type composition comprising (A) component: a monofunctional oxetane compound containing one oxetanyl group in the molecule thereof, (B) component: a compound containing two or more cationic ring-opening polymerizable cyclic ether residues in the molecule thereof, (C) component: a cationic polymerization initiator having latency, and (D) component: a metal oxide fine particle having a particle size of from 1 to 1,000 nm.
2. The cationic polymerization type composition according to claim 1, wherein the component (D) is at least one member selected from silica, titanium oxide, aluminum oxide, zirconia oxide, zinc oxide, cerium oxide, antimony oxide, tin oxide, and antimony-doped tin oxide.
3. The cationic polymerization type composition according to claim 1, wherein the component (D) is silica, titanium oxide, aluminum oxide, zinc oxide, or tin oxide.
4. The cationic polymerization type composition according to claim 1, wherein the component (D) is silica.

5. The cationic polymerization type composition according to any one of claims 1 to 4, wherein the component (A) is blended in an amount of from 10 to 80 parts by mass based on 100 parts by mass of the total sum of the polymerizable material comprising the component (A) and the component (B).

6. The cationic polymerization type composition according to claim 5, wherein at least a part of the component (A) is a monofunctional oxetane compound containing an aromatic in the molecule thereof.

7. The cationic polymerization type composition according to claim 5, wherein at least a part of the component (B) is an epoxy compound containing two or more glycidyl ether residues and aromatics in the molecule thereof.

8. The cationic polymerization type composition according to claim 7, wherein at least a part of the component (B) is an epoxy compound containing two or more glycidyl ether residues in the molecule thereof, which is selected from a substituted or unsubstituted bisphenol resin glycidyl ether, a substituted or unsubstituted

novolak resin glycidyl ether, a substituted or unsubstituted biphenol resin glycidyl ether, and a substituted or unsubstituted naphthalene resin glycidyl ether.

9. The cationic polymerization type composition according to claims 1 to 4, wherein the component (C) is an onium salt having light latency.

10. The cationic polymerization type composition according to claim 9, wherein the component (C) is an onium salt containing, as an anion residue, one member selected from SbF_6^- , AsF_6^- , and $\text{B}(\text{C}_6\text{F}_5)_4^-$.

11. The cationic polymerization type composition according to claims 1 to 4, wherein an organosilicon compound is added as a component (E).

12. The cationic polymerization type composition according to claim 11, wherein the organosilicon compound to be used as the component (E) contains a cationic polymerizable group.